

How to change: Peugeot 206 CC 2D front suspension strut – replacement guide

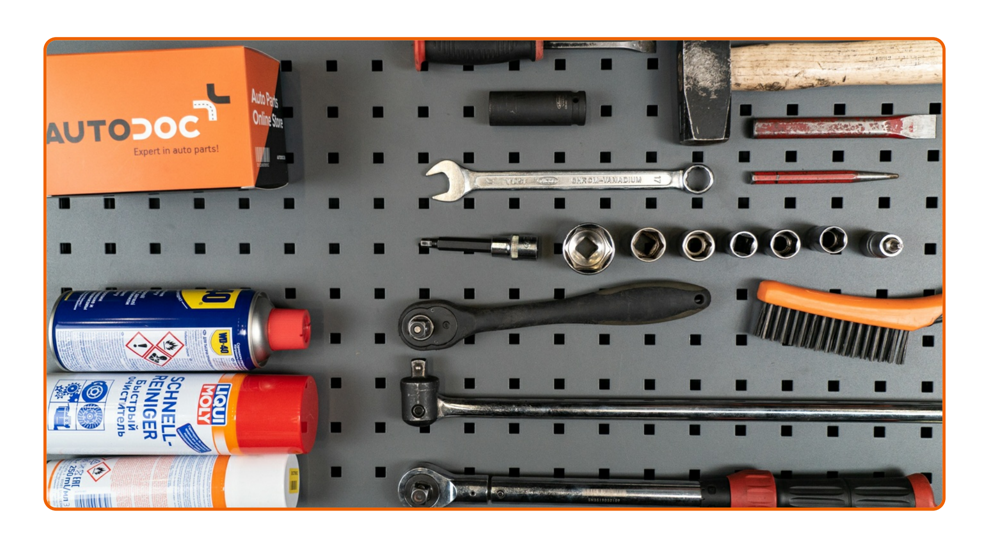
 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
PEUGEOT 206 CC (2D) 1.6, PEUGEOT 206 CC (2D) 1.6 16V

The steps may slightly vary depending on the car design.

REPLACEMENT: SUSPENSION STRUT – PEUGEOT 206 CC 2D. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #17
- Torx bit T30
- HEX bit no.H7.
- Drive socket # 13
- Drive socket # 16
- Drive socket # 17
- Drive socket # 18
- Drive socket # 21
- Drive socket # 32
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Tap wrench
- Hammer
- Pin punch
- Flat chisel
- Crow bar
- Hydraulic strut spring compressor
- Hydraulic transmission jack
- Fender cover
- Wheel chock



Replacement: suspension strut – Peugeot 206 CC 2D. Tip from AUTODOC:

- Both shock struts of the front suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock struts of the front suspension.
- All work should be done with the engine stopped.

REPLACEMENT: SUSPENSION STRUT – PEUGEOT 206 CC 2D. RECOMMENDED SEQUENCE OF STEPS:

1



Open the bonnet.

2



Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3



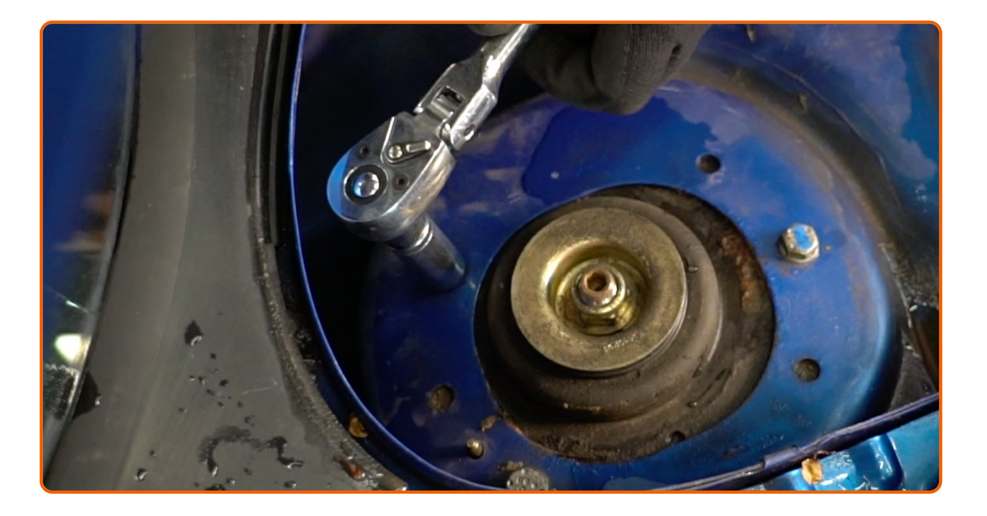
Remove the rubber strip.

4



Remove the shock strut mount cap.

5



Loosen the upper fastener of the shock strut mount. Use a drive socket #13. Use a ratchet wrench.

6



Secure the wheels with chocks.

7



Loosen the wheel mounting bolts. Use wheel impact socket #19.

8



Raise the front of the car and secure on supports.

9



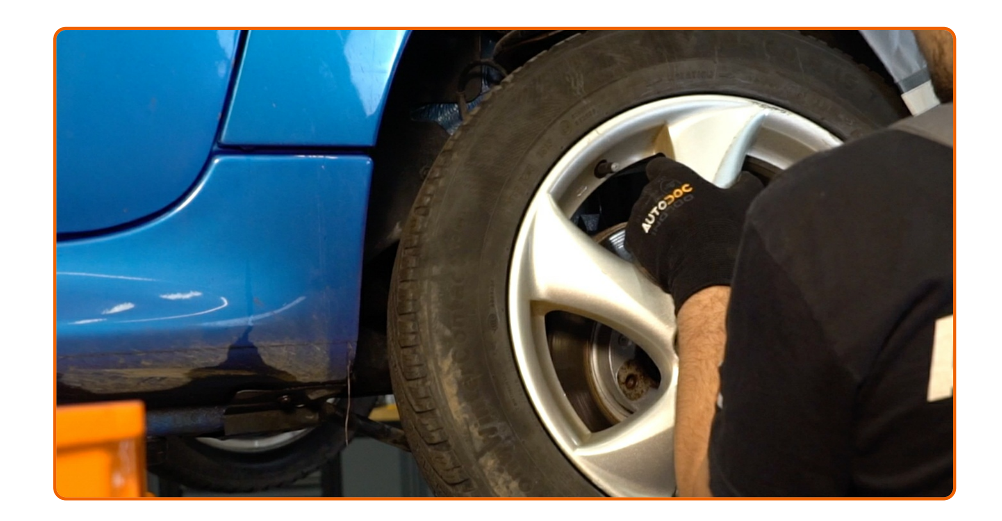
Unscrew the wheel bolts.



Replacement: suspension strut – Peugeot 206 CC 2D. Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

10



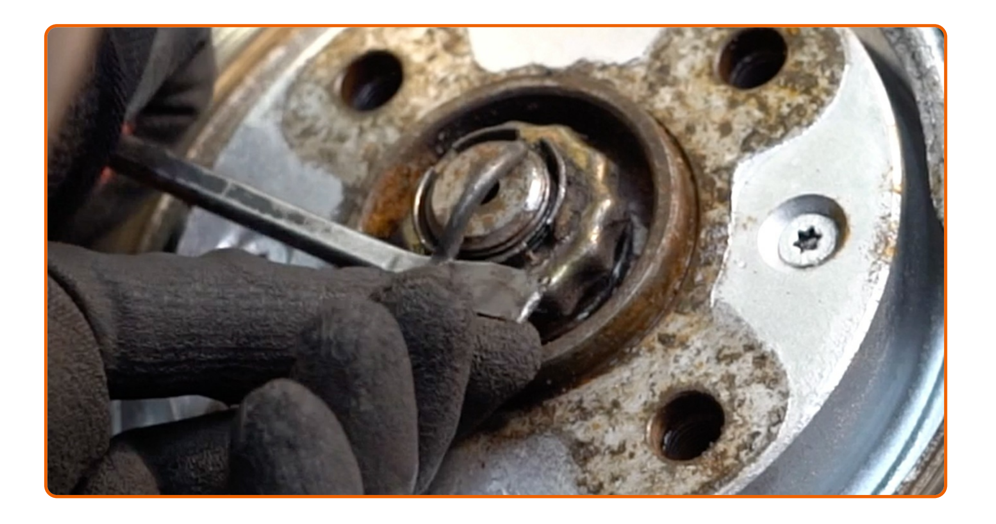
Remove the wheel.

11



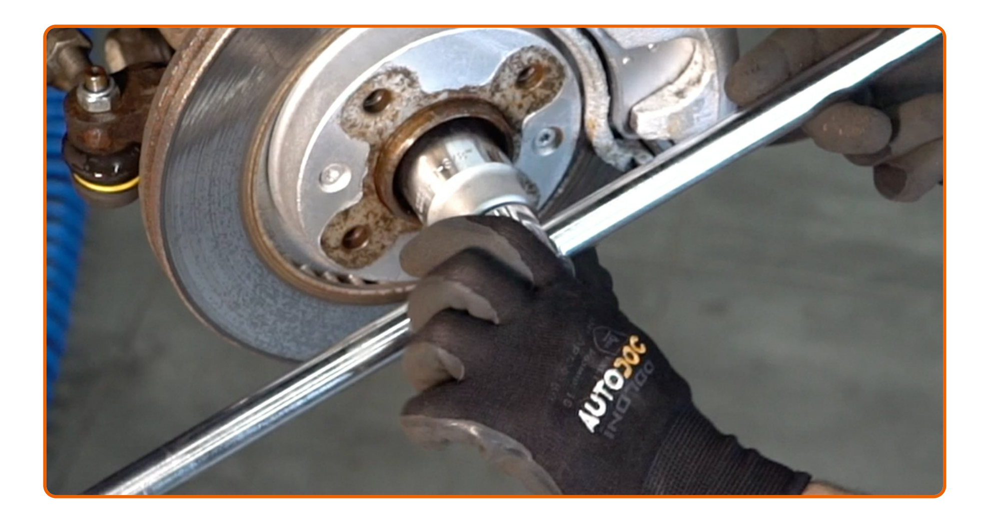
Release the fastener that connects the control arm ball joint to the steering knuckle. Use a wire brush.

12



Remove the cotter pin. Use a crowbar.

13



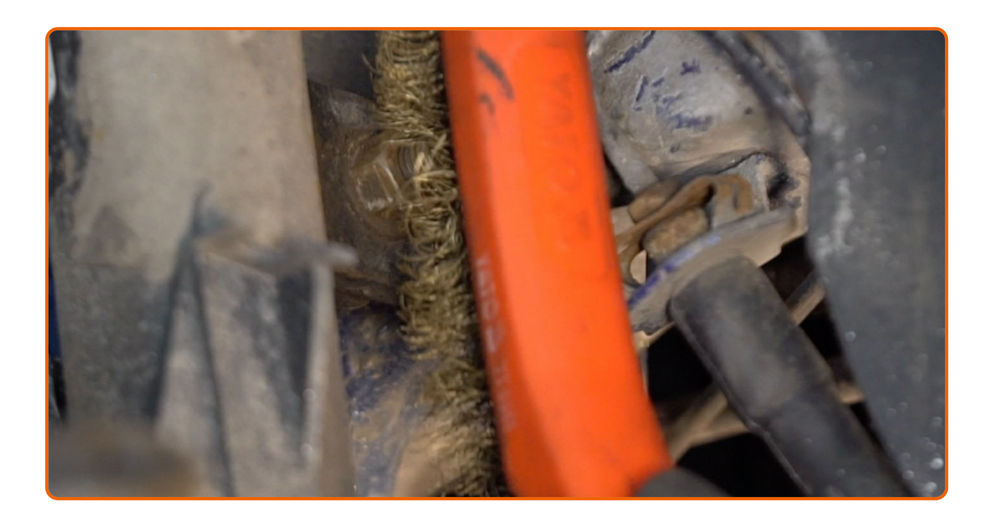
Loosen the fastener of the driveshaft. Use a drive socket #32. Use a tap wrench. Use a crowbar.

14



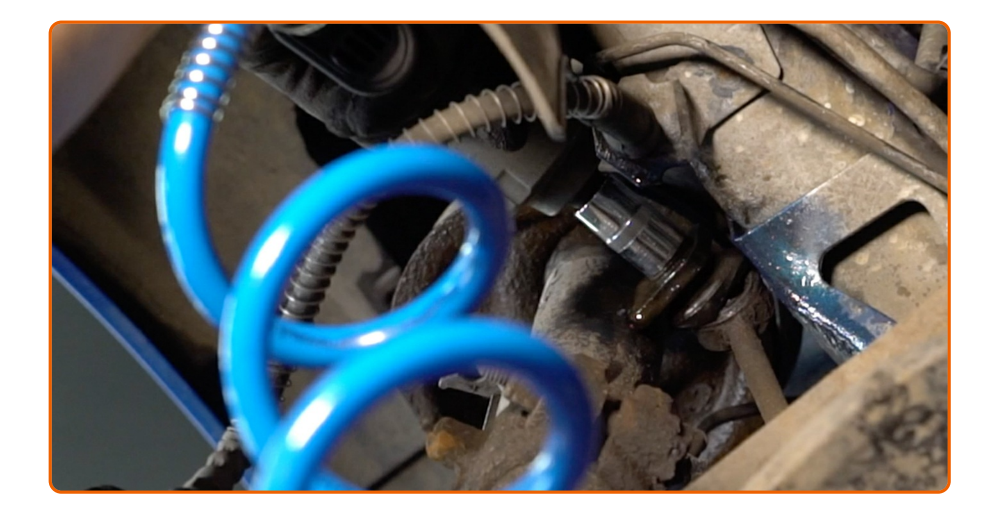
Detach the driveshaft from the steering knuckle. Use a pin punch. Use a hammer.

15



Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.

16



Unscrew the fastener connecting the stabilizer link to the shock strut. Use a drive socket #16. Use Torx T30. Use a ratchet wrench.

17



Remove the stabilizer rod.

18



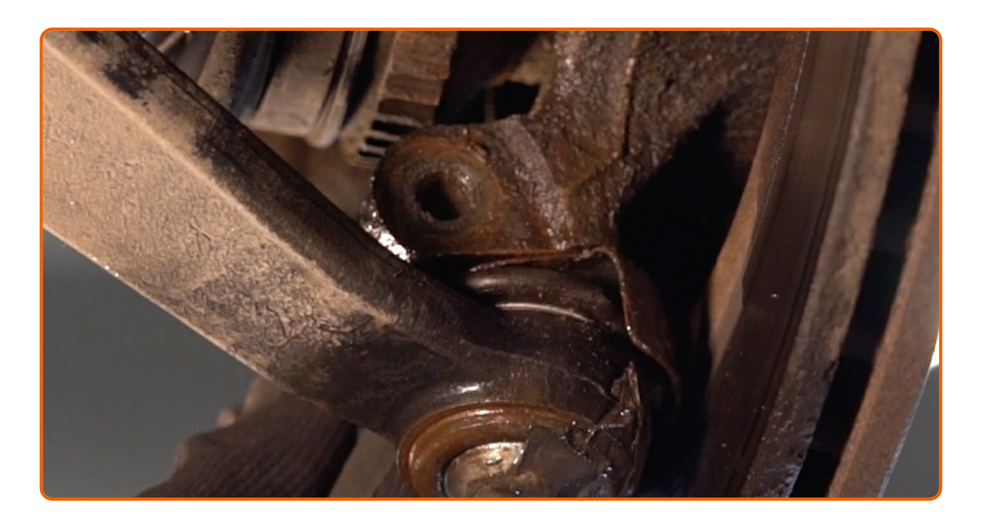
Clean the fastener connecting the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.

19



Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #17. Use a drive socket #17.

20



Remove the fastening bolt.

21



Clean the fasteners connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.

22



Release the fastener that connects the control arm ball joint to the steering knuckle. Use a flat metal-working chisel. Use a hammer.

23



Prop up the steering knuckle. Use a hydraulic transmission jack.

24



Disconnect the lower arm from the steering knuckle. Use a crowbar.

25



Remove the support from under the steering knuckle.

AUTODOC recommends:

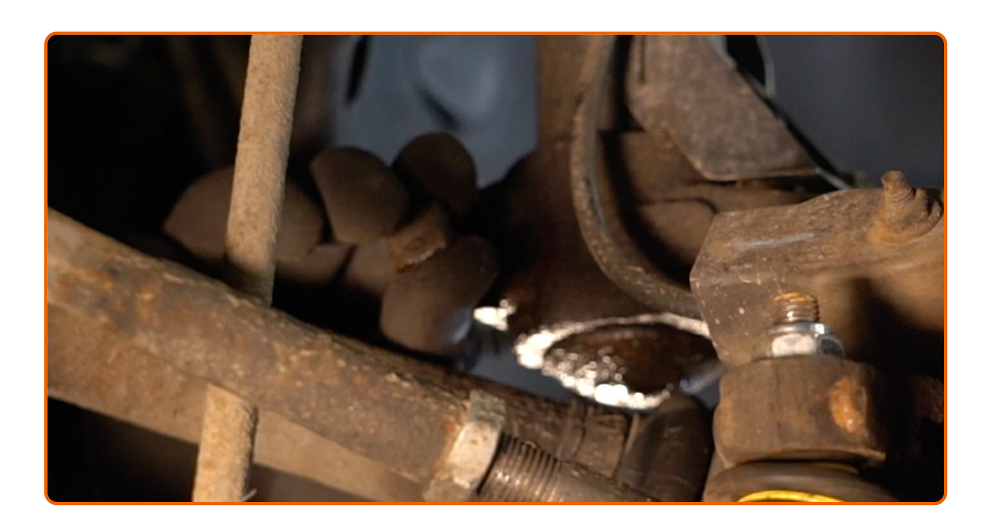
- Replacement: suspension strut – Peugeot 206 CC 2D. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

26



Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a drive socket #18.

27



Remove the fastening bolt.

28



Unscrew the brake hose fastening bracket from the shock strut. Use a drive socket #13. Use a ratchet wrench.

29



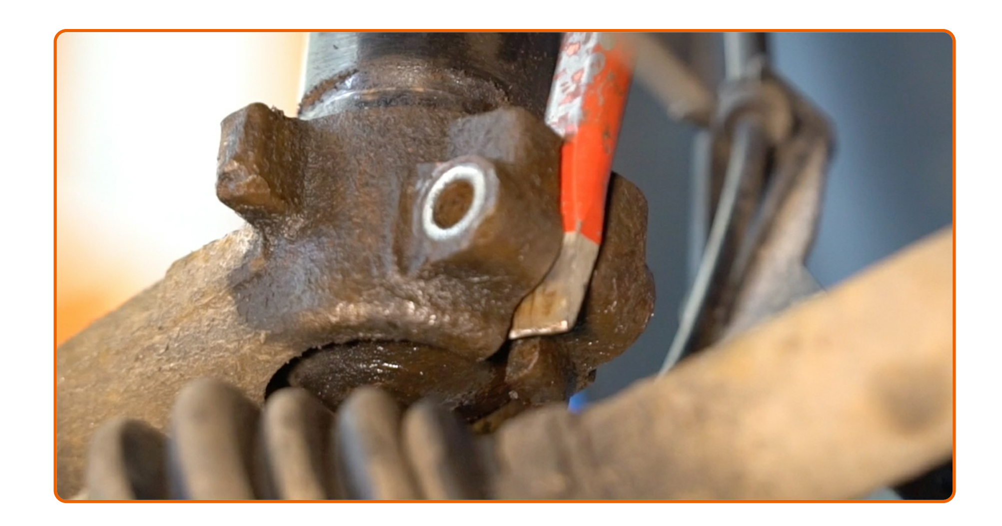
Pull the drive shaft out of the steering knuckle and lifting it, tie to the body.



Replacement: suspension strut – Peugeot 206 CC 2D. AUTODOC recommends:

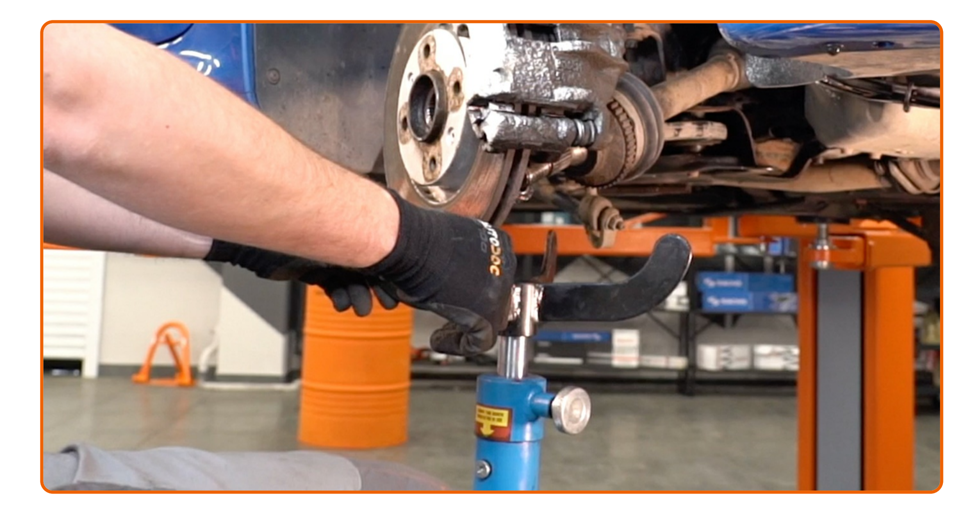
- Make sure that the drive shaft is not unloaded (when the car is jacked).

30



Release the lower fastener connecting the shock strut to the steering knuckle. Use a flat metal-working chisel. Use a hammer.

31



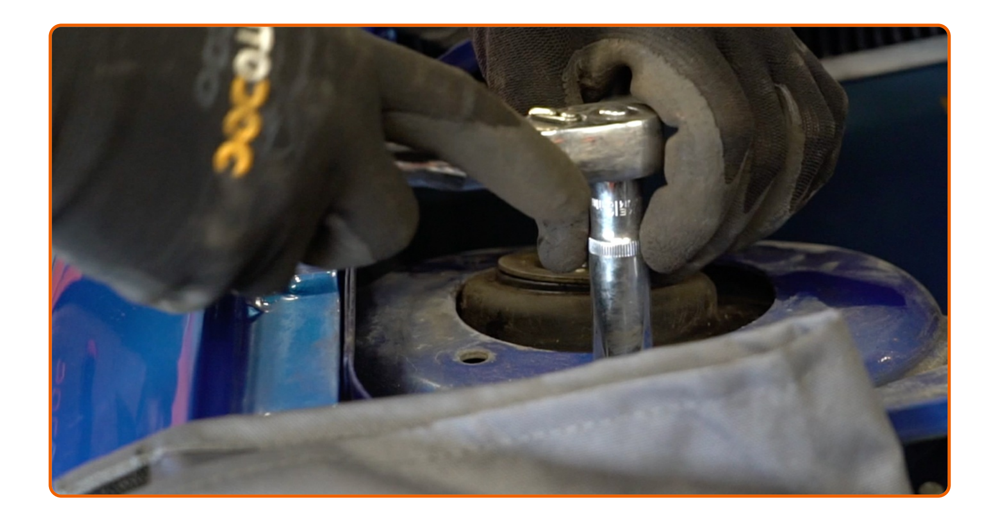
Prop up the steering knuckle. Use a hydraulic transmission jack.

32



Disconnect the steering knuckle from the shock absorber strut. Use a hammer.

33

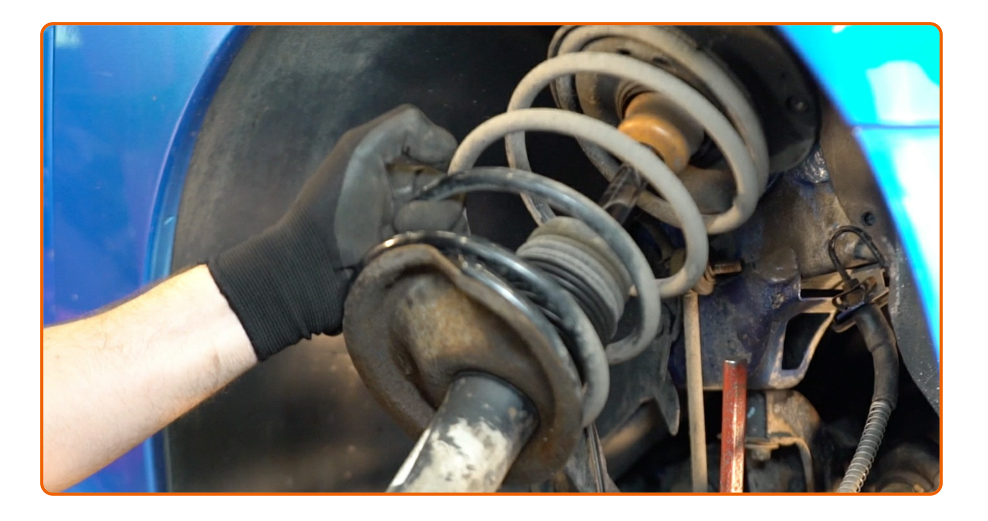


Unscrew the top fastening of the shock strut mount. Use a drive socket #13. Use a ratchet wrench.

Replacement: suspension strut – Peugeot 206 CC 2D. AUTODOC experts recommend:

- To avoid injuries, hold the shock strut when undoing the fastening bolts.

34



Remove the suspension strut.

35

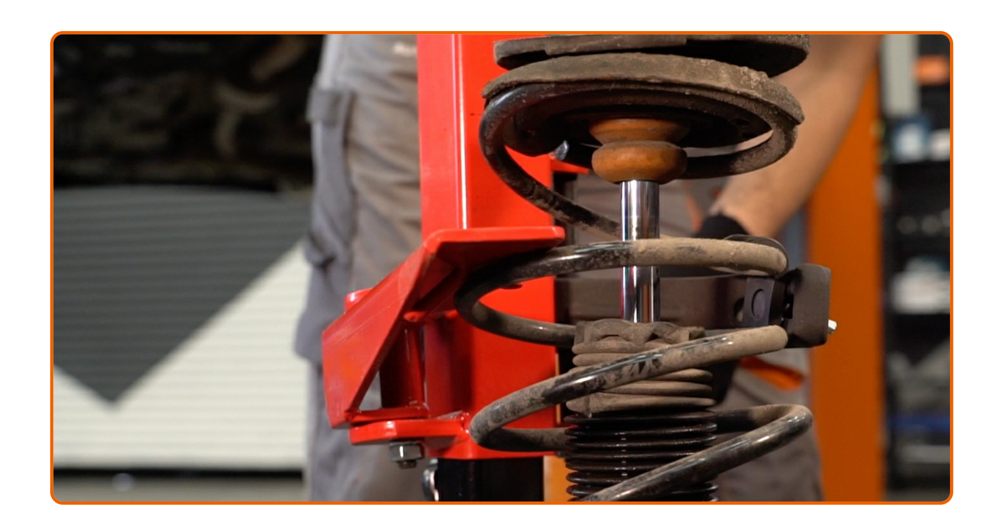


Set the shock absorber strut on the spring compressor tool.

Replacement: suspension strut – Peugeot 206 CC 2D. Tip from AUTODOC:

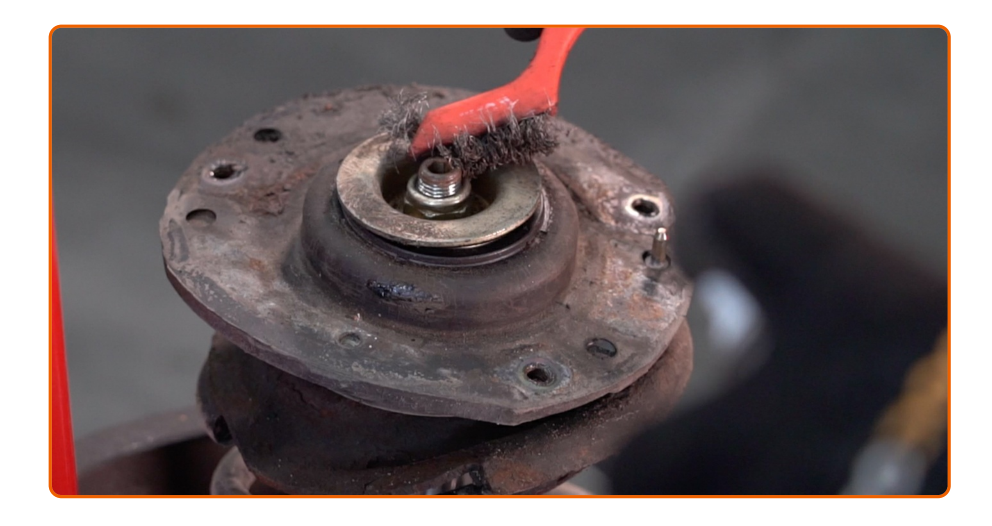
- Note that when using a spring compressor, spring coils need to be securely gripped, compressing the spring on the opposite sides.
- Ensure the correct position of the spring in the retainer.
- Make sure that the spring coils tightly entered the lock handles.

36



Compress the spring.

37



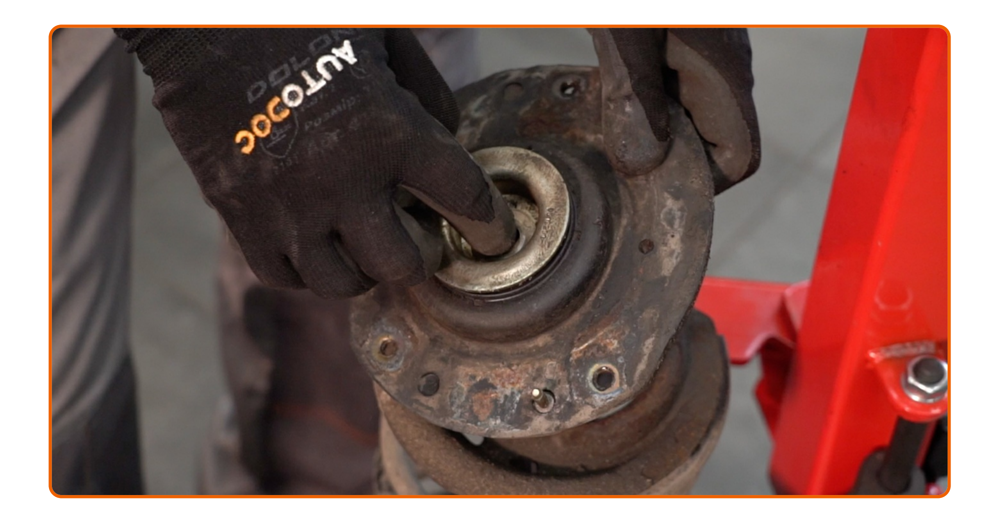
Treat the shock strut rod. Use a wire brush. Use WD-40 spray.

38



Remove the strut piston rod nut. Use a drive socket #21. Use HEX No.H7. Use a ratchet wrench.

39



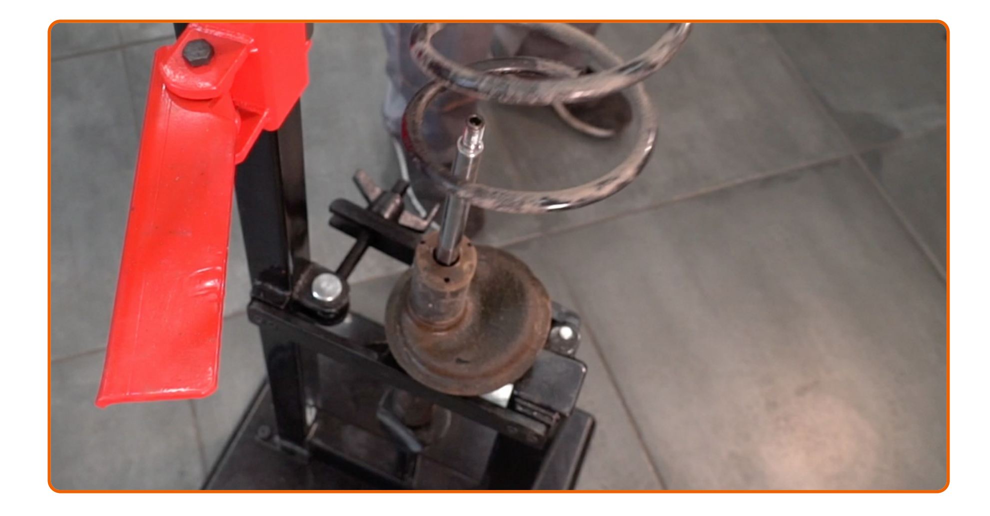
Remove the shock absorber mount, boot and bump stop.

40



Release the coil spring.

41



Remove the spring.

42



Remove the old shock absorber from the hydraulic coil spring compressor.

AUTODOC recommends:

- Replacement: suspension strut – Peugeot 206 CC 2D. Carefully inspect the mount, the boot, and the bump stop of the shock absorber. Replace if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.

43



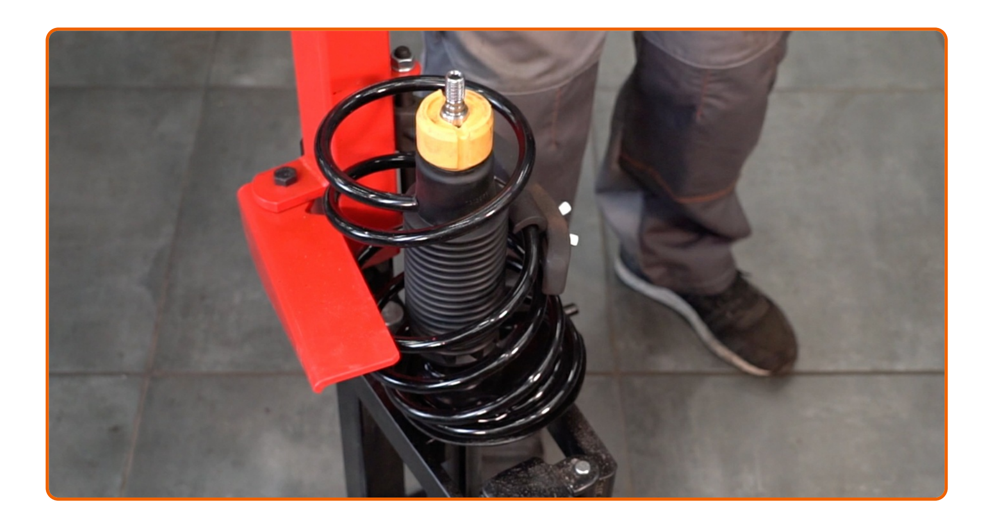
Install the new shock absorber on the hydraulic coil spring compressor.

44



Install the spring on the shock absorber.

45



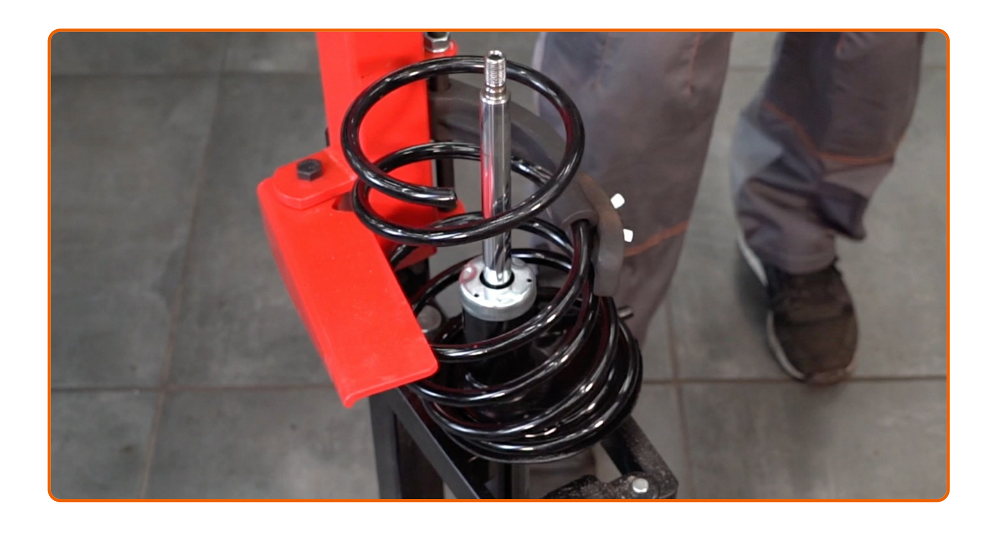
Install the dust sleeve and the bump stop on the new shock absorber.

46



Compress the spring.

47



Install the upper strut mount and the strut mount bearing.

48



Tighten the shock strut piston rod nut. Use a drive socket #21. Use HEX No.H7. Use a torque wrench. Tighten it to 65 Nm torque.

Replacement: suspension strut – Peugeot 206 CC 2D. Tip from AUTODOC experts:

- Check to make sure the spring is positioned correctly. Avoid its misalignment.



49



Decompress the spring.

50



Remove the assembled shock strut.

51



Install the shock strut into the wheel arch.

52



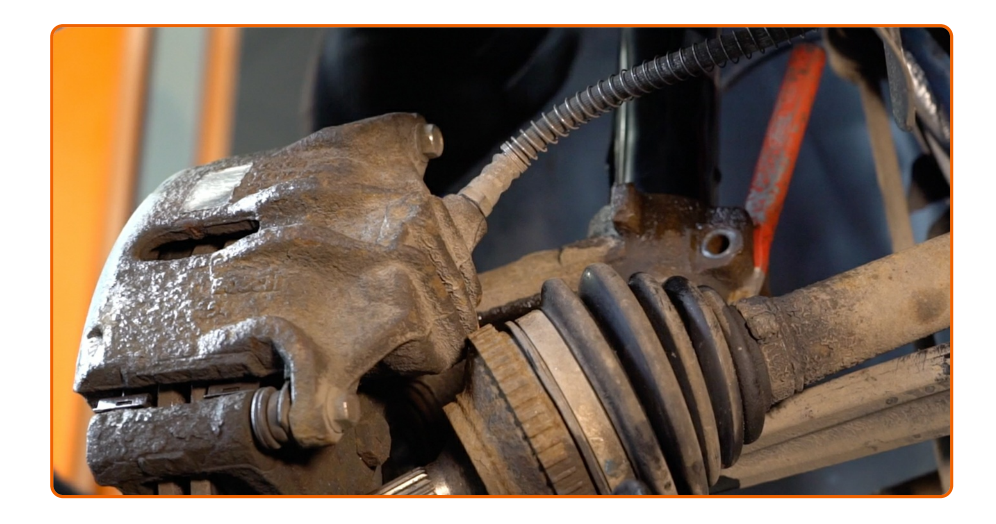
Screw the top fastening of the shock strut mount. Use a drive socket #13. Use a ratchet wrench. Do not tighten it.

53



Treat the shock strut mounting seat on the steering knuckle. Use a wire brush. Use WD-40 spray.

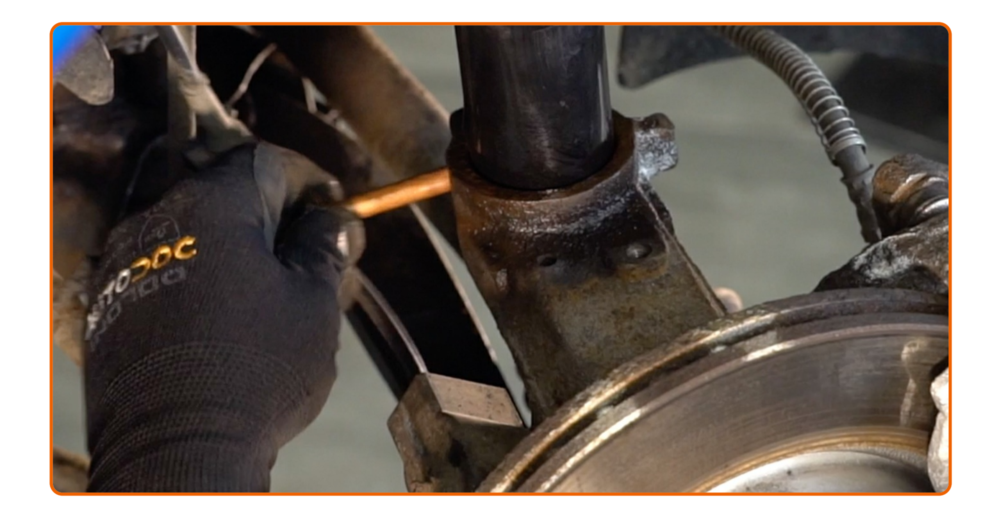
54



Fix the shock absorber strut on the steering knuckle.



55



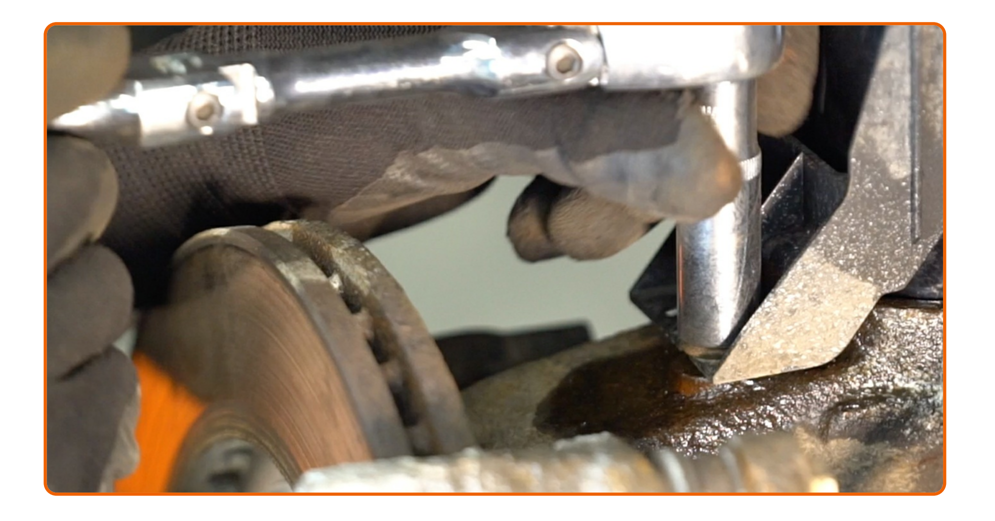
Install the fastening bolt.

56



Screw in the fastener that connects the shock strut to the steering knuckle. Use a drive socket #18.

57



Tighten the brake hose fastening bracket to the shock strut. Use a drive socket #13. Use a ratchet wrench.

58



Remove the support from under the steering knuckle.



AUTODOC recommends:

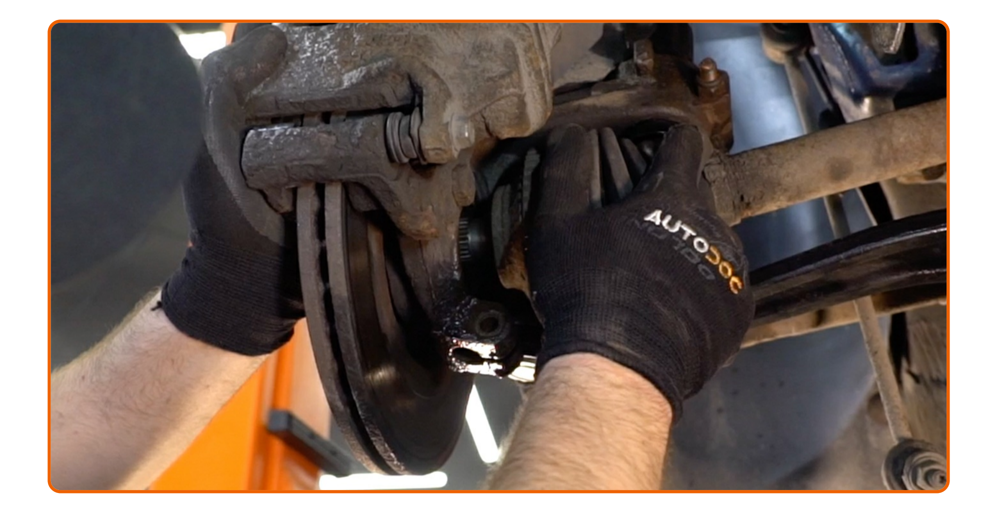
- Peugeot 206 CC 2D – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

59



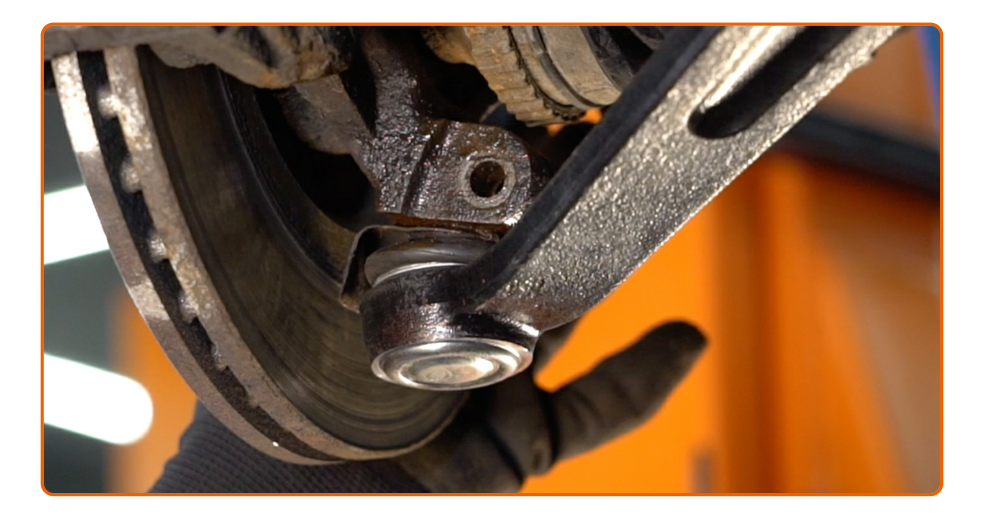
Clean the splines of the drive shaft CV joint. Use a wire brush. Use WD-40 spray.

60



Install the drive shaft.

61



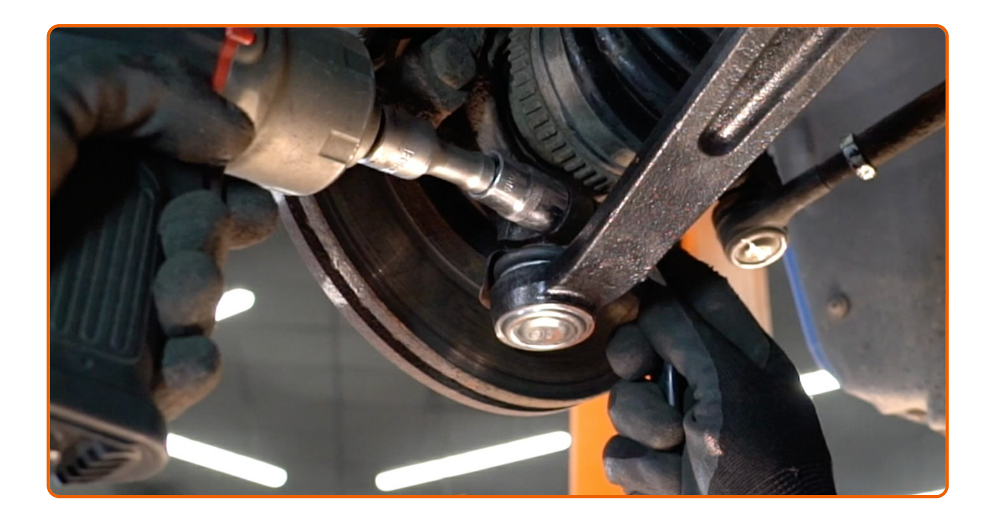
Connect the lower arm to the steering knuckle.

62



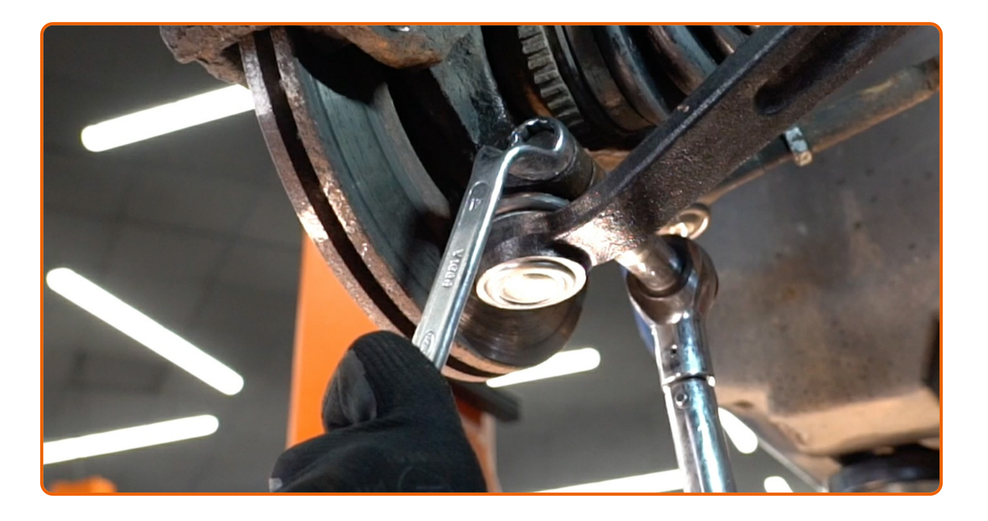
Install the fastening bolt.

63



Screw the fasteners of the ball joint. Use a drive socket #17. Use a combination spanner #17.

64



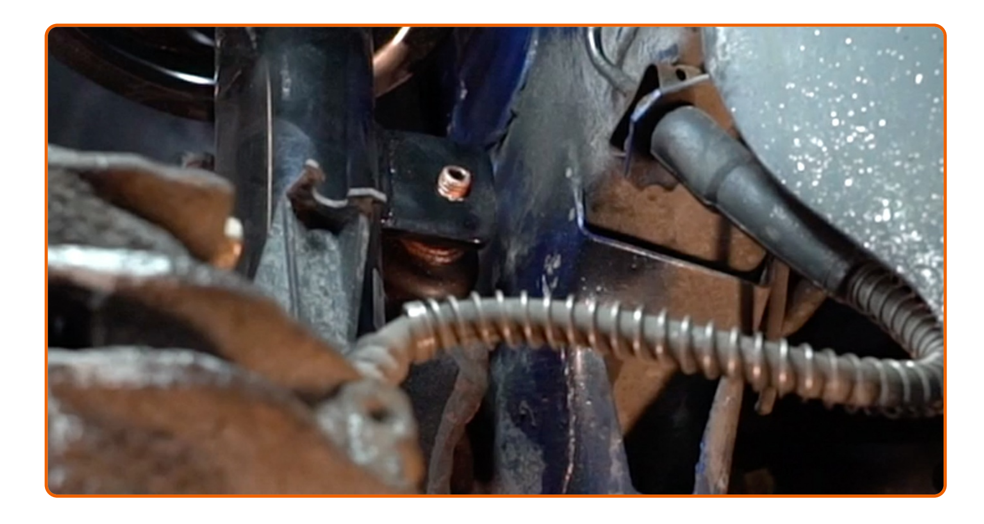
Tighten the ball joint fastener. Use a drive socket #17. Use a combination spanner #17. Use a torque wrench. Tighten it to 65 Nm torque.

65



Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a drive socket #18. Use a torque wrench. Tighten it to 105 Nm torque.

66



Install the transverse stabilizer link. Use a drive socket #16.

67



Tighten the fastener connecting the stabilizer link to the shock strut. Use a drive socket #16. Use a torque wrench. Tighten it to 60 Nm torque.

68



Treat all joints of the arm. Treat the shock strut fasteners. Use copper grease.

69



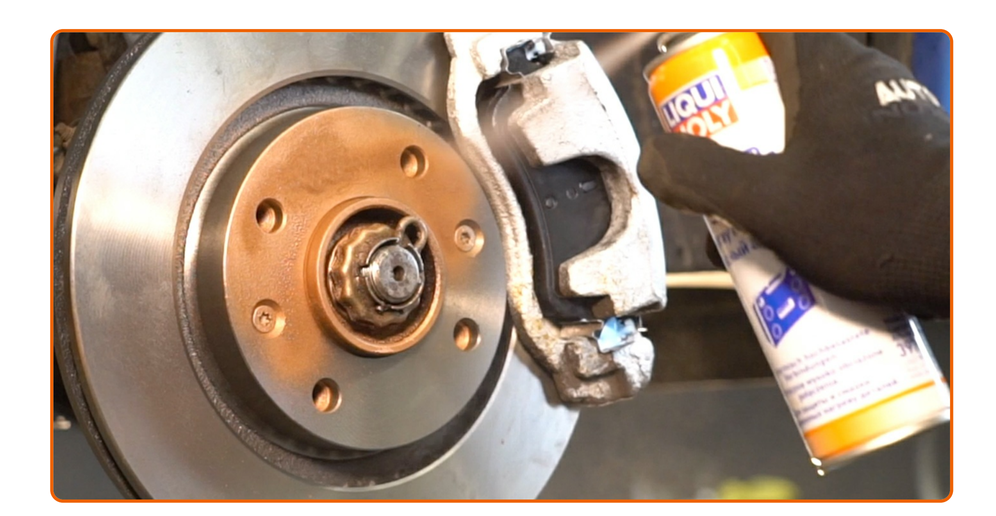
Tighten the drive shaft nut. Use a drive socket #32. Use a torque wrench. Tighten it to 165 Nm torque.

70



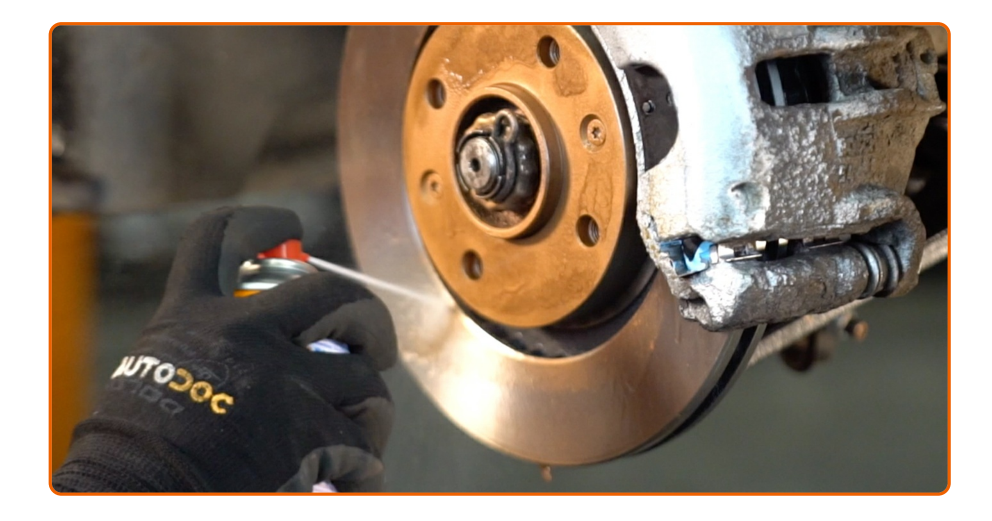
Install the cotter pin. Use a crowbar.

71



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

72



Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: suspension strut – Peugeot 206 CC 2D. After applying the spray, wait a few minutes.

73



Install the wheel.

Replacement: suspension strut – Peugeot 206 CC 2D. Tip from AUTODOC experts:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

74



Screw in the wheel bolts. Use wheel impact socket #19.

75



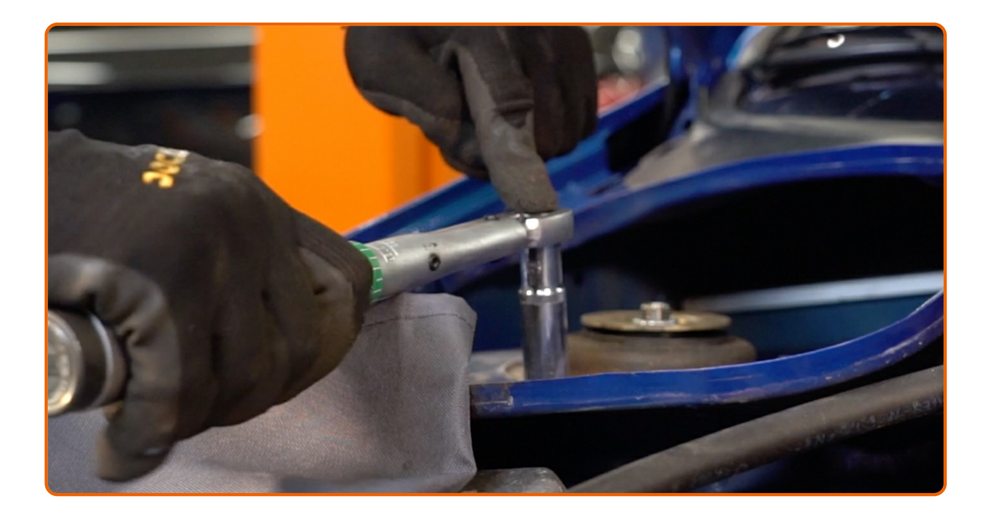
Lower the car.

76



Tighten the wheel bolts using a criss-cross pattern. Use a torque wrench. Tighten it to 120 Nm torque.

77



Tighten the upper fastener of the shock absorber strut mount. Use a drive socket #13. Use a torque wrench. Tighten it to 50 Nm torque.

78



Treat the fasteners of the shock strut mount. Use copper grease.

79



Install the shock strut mount cap.

80



Install the rubber strip.

81



Remove the jacks and chocks.

82



Remove the fender protection cover.

83



Close the hood.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

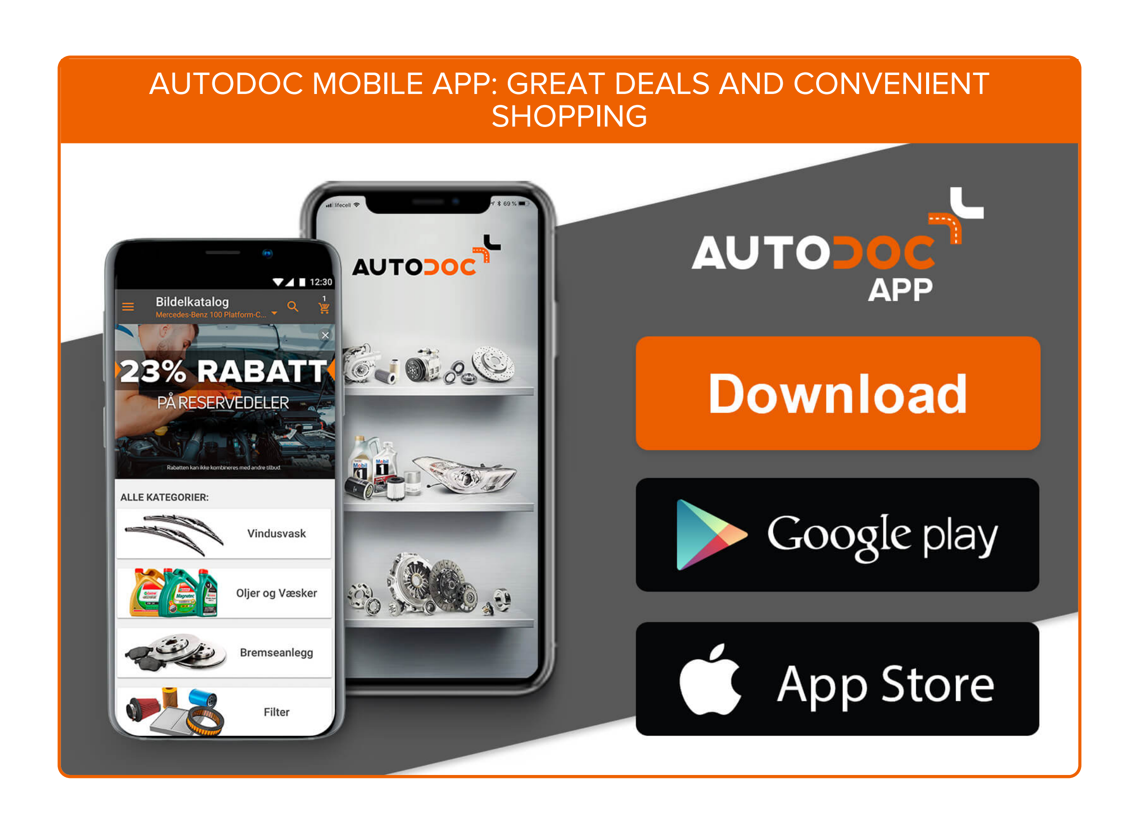
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